

How to Plan a Successful Fireplace



Peerless CATALOG No. BS-12

**Fireplace Dampers
Coal Windows**

**Ash Pit Doors
Ash Dumps**

PEERLESS MANUFACTURING CORPORATION—LOUISVILLE 10, KY.

*A sweet smelling wood-fire is
a luxury everyone loves for its
beauty and relaxing qualities*



« « « *The Fireplace* » » »

Give a man a free hand and he builds himself a house with running water, several bathrooms, garage, telephones both upstairs and down, central automatic heat . . . and a FIREPLACE. He wants no stable, no dug well nor old oaken bucket . . . but he insists on the Fireplace. On chilly evenings he, personally, arranges the kindling and logs and lights the fire before he settles down to the newspaper, radio or television.

The hearth fire is as antiquated as the kerosene lamp, yet we cling to it, generation after generation. The further we get from the pains of primitive living, the more we cherish it. Give a man a hearthless apartment—a whiff of woodsmoke—and he will groan with envy. Show him a leaky-roofed cabin forty miles from nowhere and if it has a Fireplace he will buy it in a minute—or try to.

The reasons are all entwined in intangibles as thin as woodsmoke. Since ancient times Man is a natural fire-tender. There is the race pride of the cave man who first caught and tamed fire. There is the instinct to bask safely in the fireglow where a joint of buffalo meat simmers, while the wolves prowl the outer dark.

Such speculation, of course, makes it complicated. But it certainly cannot be explained by saying that the man who builds a hearth fire wants to warm his hands. He seldom does. He wants to see the flames leap, feel the glow, hear the simmering log. Do not ask him why . . . he does not know . . . and he does not care, as long as he has a Fireplace—a Fire and a long, cool evening to sit relaxed in front of it and ponder.

The Fireplace . . . and Fireplace Fixtures

The Fireplace Is More Popular Today Than Ever Before . . . And It Is Here To Stay.

The most enduring memorial to our home-life is the fireplace. As long as it stands and people gather about it, our home memories cannot die. And as generations pass, the memories attached to our fireplaces become dearer. How fondly you think back on the happy circle around your father's fireplace—what memories that fireplace awakens when you visit the old home.

Ruskin said of architecture, "We may live without her, and worship without her, but we cannot remember without her." And his plea is that we make our architecture such that it will stand and be a true monument to our lives.

In days of yore the fireplace builder used his own judgment as to the opening of the throat, and was often wrong, resulting, of course, in smoky fireplaces. Today there need be no guessing about the throat opening because with the use of a Peerless Dome Damper the correct throat opening is assured.

To be a lasting memorial, the fireplace must be properly constructed. The hours we spend before it must not be marred with any discomfort.

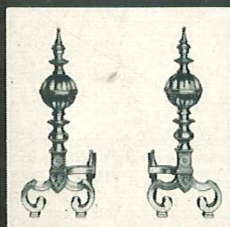
It must be attractive and its equipment harmonious . . . Glistening Peerless Fixtures will Work magic on any hearth.



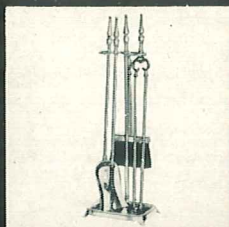
A SEVENTY-TWO PAGE CATALOG SHOWING PEERLESS DISTINCTIVE FIREPLACE
FIXTURES AS PICTURED BELOW IS AVAILABLE FREE TO ALL DEALERS . . .
A BEAUTIFULLY ILLUSTRATED FOLDER IS AVAILABLE TO ANYONE UPON REQUEST.

Peerless Fireplace Fixtures

Priced to Sell . . . Designed to Satisfy . . . Made to Last

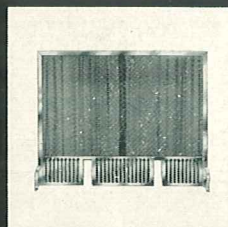


ANDIRONS

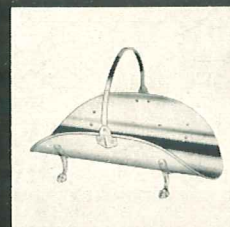


FIRESETS

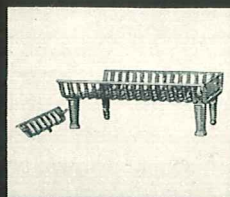
Everything for
the Fireplace
in
Polished Brass
Antique Brass
Black & Brass
Beautiful Lasting Finishes



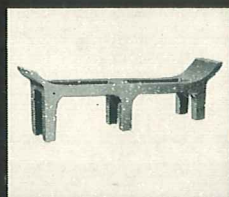
SCREENS — ALL TYPES
Folding, Flat, Curtain



WOOD HOLDERS



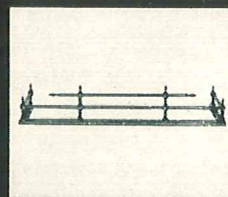
GRATE BASKETS
For Coal — For Wood



LOG CRADLES
Regular and Slanting



COAL HODS



FENDERS



FIRE LIGHTERS

YEAR 'ROUND DISPLAYS

Suite 1485 Merchandise Mart
Chicago, Illinois

Room 570 Western Merchandise Mart
San Francisco, California

Kansas City Merchandise Mart
Kansas City, Missouri

SIXTY-SIX YEARS SERVING THE NATION



BUILDING SPECIALTIES FOR THE HOME

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YOU CAN HAVE A

The taste of the homemaker is reflected in the selection of Fireplace Fixtures for the hearth . . . be sure of authentic designs, trim styling and lasting beauty.



IT IS the indescribable charm of the open fire, the attractiveness of the mantel and the beauty of the Fireplace Fixtures on the hearth that combine to lure the family and friends on quiet cool evenings.

In our age of air-conditioned and weathertight homes—The Fireplace—is obviously not needed for heating. Nevertheless, it is a feature that everyone desires and wants in their home. Much of the anticipated pleasure, however, can go up the chimney if the Fireplace fails to function as it should. Be sure your Fireplace is built according to established standards of construction. Be sure you obtain the maximum pleasure, warmth and freedom from smoke and soot. Be sure—install a top quality Peerless Dome Damper that will control the draft . . . seal off the draft when the Fireplace is not in use—thus, preventing unhealthful drafts and heat wasted up the flue.

The smoky, unsatisfactory Fireplace—one without a Damper—will waste fuel and has no place in your home plans. This booklet of proved principles will provide you with the basic details for a Fireplace that will work well and be of much pleasure to everyone who appreciates the sweet smelling woodfire . . . its beauty and relaxing qualities.

The scale and style of a room usually set the character of the Fireplace. The width and height of the Fireplace opening itself is more than a matter of appearance alone. To function properly each dimension must be proportioned to the other, and the area of the opening must be precisely proportioned to the area of the chimney flue. It must also be properly related to the shape, size and location of the Fireplace throat and smoke chamber. As more fuel is required for a wider Fireplace, economy of operation may dictate a less pretentious width in some

instances. A Fireplace too deep will not throw out heat properly . . . one too shallow may make smoking unavoidable. All the guesswork has been eliminated and the proper shape, size and other pertinent details necessary to provide you with a Successful Fireplace are outlined on pages 6 and 7.

Hearth and Fire Chamber: The Hearth usually of tile or stone forms the floor of the fire chamber and extends out into the room as well. The fire chamber itself, where the fire is laid, should be enclosed by fire brick laid in fire clay. Its side walls should slant in so the back wall of the chamber is narrower than the Fireplace opening. The back wall must rise straight then slope frontward. These sloping walls are reflective surfaces which throw heat into the room. In general, a large Fireplace chamber is less satisfactory than a moderate size one. To give comfortable warmth, a fire must heat up the fire chamber walls. A small fire in a large chamber will not do that. It is essential that the back hearth of the Fireplace include an Ash Dump for the convenient disposal of ashes.

Ash Dumps: There are two popular styles of Ash Dumps . . . Manual and Automatic. The Manual Ash Dump has a single door, center pivoted, which is dumped by pushing on one side with the fireset poker. The Automatic style has twin doors, pivoted off-center and counter-balanced . . . and dumps automatically by the weight of the ashes thereon; thus dropping the ashes to the Ash Pit below.



BUILDING SPECIALTIES FOR THE HOME



SUCCESSFUL FIREPLACE

A Fireplace without Fixtures is just a "hole in the wall" . . . Equipped with Distinctive Peerless Fireplace Fixtures it lends enchantment to the home.

Location of Ash Pit Door: The Ash Pit (clean out) Door for the removal of ashes can be located either on the outside foundation wall above the grade line and opening into the yard . . . or in the basement wall and opening into the basement.

Today most everyone prefers the obvious advantages of the outside wall location as the removal of ashes require no particular caution since the fly ash will be carried away by the breeze. The burden of carrying the ash container up the stairs is eliminated as the container is already in the yard. Whereas, with the door located on the inside wall of the basement one must exercise caution to prevent fly ash settling over the basement area and, too, the ash container must be carried up the stairs to the yard for disposal.

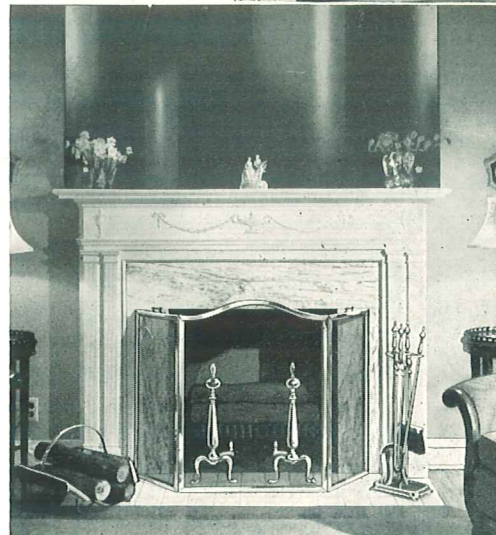
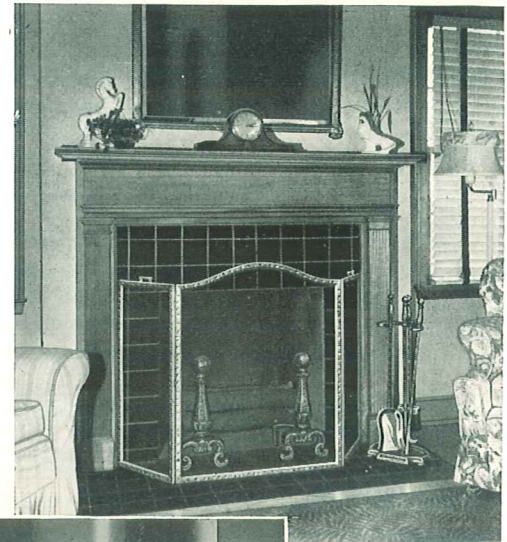
In Non-Basement Homes—plan the Ash Pit Door just above the grade level and enjoy the convenience mentioned above. In the past many have failed to provide an Ash Pit and Clean-Out Door in this type of home, resulting in the ashes accumulating on the back hearth and having to be carefully transferred to a container and carried thru the room for disposal . . . placing a needless task on the Fireplace user.

Throat and Fireplace Damper: The throat is the area between the Fireplace chamber and the chimney. A good Damper assures a correct throat. Do not leave your selection of the Damper to chance. Be sure . . . specify . . . and demand a Peerless Fireplace Damper. The Peerless Damper when properly installed in a correctly designed, properly proportioned and constructed Fireplace will provide that "Successful Fireplace."

Smoke Chamber and Wind Shelf: The Smoke Chamber is the area between the base of the Damper and the flue. Its base is formed by the Damper and the Smoke or Wind Shelf. The Wind Shelf will turn back—up the flue—the down draft which has been deflected by the Fireplace Damper. The Damper prevents smoking by increasing the velocity of the heated gases . . . prevents soot and rain falling into the fireplace or room . . . and controls the draft . . . also seals off the draft when the fireplace is not in use.

Flue and Flue Lining: The size of a fireplace flue is of great importance and it must be lined. On pages 6 and 7 full details are given as to size and other necessary pertinent information.

Problem Fireplaces: The reasons for smoky, draftless, faulty Fireplaces are many and varied. The flue opening may be too small for the size of the Fireplace opening. It may be over-size or without an adequate windshelf or even without a Fireplace Damper. Or the damper may be improperly located . . . too near the back, therefore, little or no wind shelf. The fire chamber may smoke because it is too shallow or fail to give sufficient warmth because it is too deep. The flue may be incorrectly proportioned. You can avoid these unnecessary faults by using the proved Peerless Dome Damper and following the suggested Fireplace Construction Details as outlined on pages 6 and 7.

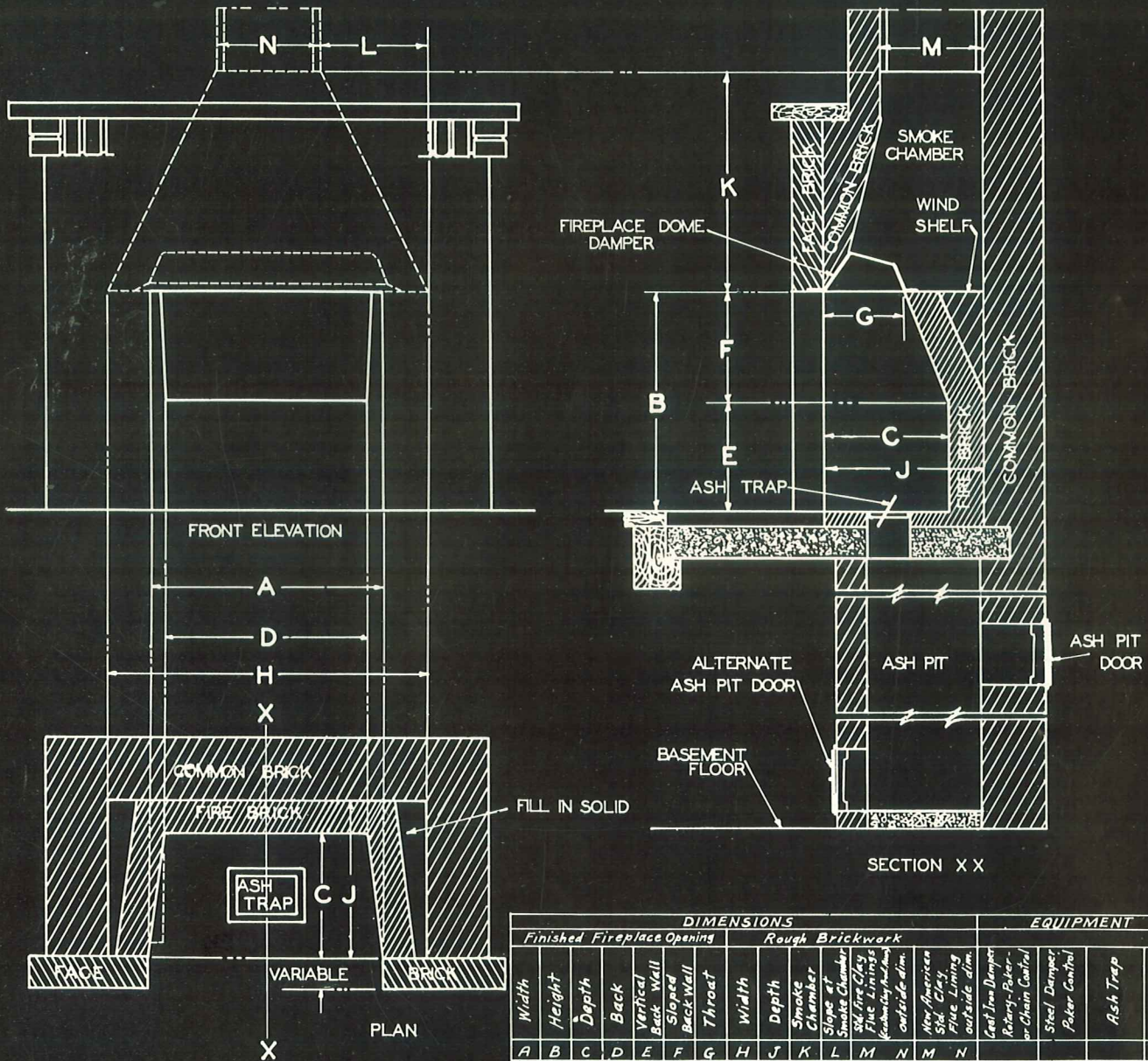


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FIREPLACE CONSTRUCTION PLAN

Shown below is a detailed fireplace construction plan and on page 7 will be found complete essentials on fireplace construction. This information has been incorporated in this bulletin hoping it will be helpful to everyone interested in planning, constructing, and enjoying a fireplace that will function properly and successfully throughout the years.



DIMENSIONS														EQUIPMENT				
Finished Fireplace Opening							Rough Brickwork											
Width	Height	Depth	Back	Vertical Back Wall	Sloped Back Wall	Throat	Width	Depth	Smoke Chamber	Slope at Smoke Chamber	Slope at Smoke Chamber	Std. Fire Clay Flue Linings (including 1/2" air space outside dim.)	New American Std. Fire Clay Flue Linings outside dim.	Cast Iron Damper, Relief-Poker, or Chain Control	Steel Damper, Poker Control	Ash Trap	Ash Pit Door	
A	B	C	D	E	F	G	H	J	K	L	M	N	M	N	No.	No.	in	in
24	30	16	20	14	16	10	39	20	26	13	8 1/2 x 13	7 1/2 x 15 1/2	B-24			7 x 10	8 x 8	
28	30	16	24	14	16	10	41	20	28	14	8 1/2 x 13	11 1/2 x 11 1/2	B-28			7 x 10	8 x 8	
30	30	16	26	14	16	10	43	20	29	15	8 1/2 x 13	11 1/2 x 15 1/2	B-30	S-30		7 x 10	8 x 8	
33	30	16	29	14	16	10	45	20	31	16	13 x 13	11 1/2 x 15 1/2	B-33	S-33		7 x 10	8 x 8	
36	30	16	32	14	16	10	45	20	31	16	13 x 13	11 1/2 x 15 1/2	B-36	S-36		7 x 10	8 x 8	
42	30	16	38	14	16	10	53	20	38	20	13 x 13	15 1/2 x 15 1/2	B-42	S-42		7 x 10	8 x 10	
48	33	18	43 1/2	15	18	10	62	22	42	22	13 x 13	15 1/2 x 15 1/2	B-48			7 x 10	8 x 10	
54	33	20	49	15	18	12 1/2	65	24	44	23 1/2	13 x 13	15 1/2 x 13 1/2	B-54			7 x 10	10 x 12	
60	36	20	55	17	19	12 1/2	70	24	49	26	18 x 18	19 1/2 x 18 1/2	B-60			7 x 10	10 x 12	
68	39	22	62 1/2	18	25	14 1/2	78	26	55	30	18 x 18	19 1/2 x 19 1/2	B-68			7 x 10	10 x 12	



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FIREPLACE CONSTRUCTION DATA

Essentials of Fireplace Construction

TO OBTAIN SATISFACTORY RESULTS AND ECONOMY OF FUEL FROM A FIREPLACE, IT IS NECESSARY:—

1. That the flue have proper area.
2. That the throat be correctly proportioned and located.
3. That the wind shelf and smoke chamber be properly constructed.
4. That the chimney be high enough to provide sufficient draft.
5. That the sides and back of fireplace be properly sloped to radiate heat into the room.

For detailed dimensions of Fireplaces, see page 6.

• **THE FLUE.** The area of the flue has a direct relation to the area of the fireplace opening.

The area of lined flues should be 10% or more of the area of the fireplace opening. For example, the Table of Dimensions, Page 6, shows 36" wide fireplace having an area of 1080 sq. in. 10% of this is 108 sq. in. This represents the minimum flue area. The correct lining would be 11½" x 15½" size having a net inside area of 120 sq. in. or a 13" x 13" lining having 126.5 sq. in. Either provide adequate area and are above minimum requirements. If the flue is unlined, the area should be increased slightly as there is greater friction created without lining. We recommend the use of linings in all flues to protect the mortar against the action of hot flue gases and to present a smooth surface for the ascending column of smoke. The full area of the flue should be maintained throughout its height. If it is necessary to slope the flue, it should be done at maximum angle of 30 deg. with the perpendicular.

• **THE THROAT.** Next to the flue, the throat is the most important feature of the fireplace. The best and most certain way to obtain proper throat proportion is by the use of a Peerless dome damper. Both styles of Peerless Dome Dampers are designed to give proper shape to the throat; the front bottom opening corresponds to the full width of the fireplace opening; the sides slope in at the top to increase the velocity of the upward draft. The raised back dome of the damper helps deflect and turns any down draft up the flue. The door can be adjusted by the damper control to the proper opening for good draft and to limit the loss of heat up the chimney. Fireplaces constructed without dome dampers are subject to smoking, uneven heating and rain. With a dome damper open one or two inches, a slow fire can be maintained in the fireplace without smoking the room and thus reduce the waste of hot air. The damper should be as wide as the fireplace. Do not use a damper with a bottom opening less than the fireplace width. The damper should be set towards the front of the fireplace. Therefore, not directly under the flue and with the back flange of the damper resting on the front edge of the wind shelf.

• **WIND SHELF AND SMOKE CHAMBER.** Wind shelf and smoke chamber are absolutely necessary. The wind shelf should extend the full width of the throat and be from ten to twelve inches deep from front to back. The purpose of the wind shelf is to prevent the down draft from striking the hot gases

at the throat, pushing them back into the fireplace and possibly into the room. A properly constructed wind shelf will turn back, up the flue, the down draft which has been deflected by the dome damper. The wind shelf prevents soot, rain and other matter from falling into the room.

The smoke chamber is the area extending up from the throat to the bottom of the flue lining. It must be large enough to hold an accumulation of smoke as the temperature of the gases increases so that they will rise rapidly up the flue. The side walls of the smoke chamber should slope inward six to seven inches for each foot of height. The walls of the smoke chamber should be smoothly plastered with cement mortar to reduce friction of the ascending currents. The large area of the smoke chamber serves to hold the smoke temporarily in case a gust of wind cuts off the draft. It also reduces the velocity of the down draft by increasing the area through which it passes. See dimensions "K", "L", and "M" on Page 6. Both sides of the smoke chamber should slope evenly and run straight up to the flue lining. Should it be necessary to change the direction of the flue, such change must not be made until the top of the smoke chamber has been reached.

• **THE CHIMNEY.** The chimney should rest on the ground and have sufficient foundation to prevent sagging. The chimney should be laid with cement mortar bonded tightly to prevent leaks and be lined with fire clay lining. The height of the chimney should be from 25 to 35 feet. The top should extend at least 3 feet above flat roofs, and 2 feet above the ridge of peak roofs. The chimney should not be placed close to a large tree or structures higher than itself. Where two flues are in the same chimney, they should be separated by a wall at least 4" thick. All fireplaces or other heating systems should have separate flues.

• **SHAPE OF FIREPLACE.** The fireplace proper should be of firebrick laid with cement mortar and have the shape as shown on plans on Page 6. The back should slope forward towards the throat at a point a little less than half way up from the hearth and the side walls should be beveled 1½" for each 12 inches of depth. Straight sides and back allow too much heat to escape up the flue. Ordinarily the depth of the fireplace proper runs from 16 to 22 inches—the width should be greater than the height except in the smaller sizes the height is greater, or equal to, the width for convenience in tending the fire. Generally speaking, the greater the depth, the less heat will be thrown into the room and the higher the fireplace opening the greater the chance of smoking. Fuel should always be burned to the back of the fireplace where its heat can be deflected and radiated by the tapering back of the fireplace.

• **TO COMPLETE** a well constructed fireplace, an ash pit should be extended to the basement floor or to the ground level outside the building. The floor of the fireplace should have an ash dump for the removal of ashes from the fireplace and the ash pit be fitted with a cleanout door for the final removal of the ashes. See dimensions of ash dumps and cleanout doors on Page 12.

No. B CAST IRON FIREPLACE DOME DAMPERS

The PEERLESS No. B has a one piece sturdy frame of heavy stove plate cast iron. Cast from straight pig iron—no scrap iron is ever used.

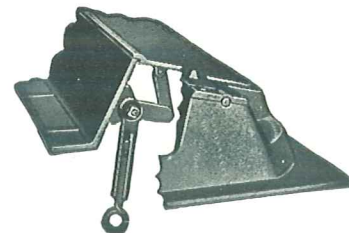
The Door is not of cast iron but of heavy gauge steel—no breakage in transportation, handling or installation. Both the front and back edges of the Door are offset to assure lasting alignment and complete closure of the Door to the Frame.



Peerless No. B Damper
With Poker Control

POKER CONTROL: Cast iron with a "loop" end which allows the use of a poker for opening or closing. Gives six different positive "open" positions. The lever does not extend out in front of the fireplace, thus permitting this type of damper to be used in "Arch Top" or "Stone Projecting" fireplaces.

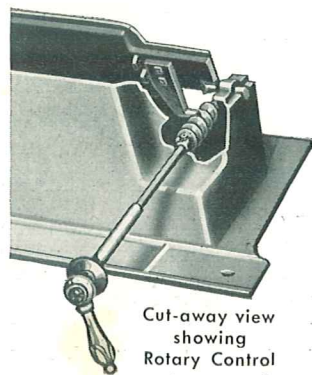
Completely coated with
rust-resisting Red Oxide.



Cut-away view showing Poker Control

Adjustable handle. (See illustration to right.) Handle adjustable to length desired by user. Illustration shows Handle with extension "closed"—may be extended an additional $2\frac{1}{2}$ " by loosening bolt.

As some Contractors set damper two courses of brick above the actual opening, Peerless incorporated in this poker control the adjusting feature enabling the Contractor to lengthen the handle by merely loosening the adjusting screw, thus making the operation of the control as simple and easily accessible as if damper were installed at the opening level.



Cut-away view
showing
Rotary Control

ROTARY CONTROL: Damper door is opened and closed from the face of the mantel by a small, easy to turn, handle—the only visible part of the operating mechanism.

This handle is connected to an iron rod, 24 inches long (may be cut down if necessary) on which a worm attachment is fastened, this part engages with a lug on the door. (See illustration to left.)



Cut-away view
showing
Chain Control

CHAIN CONTROL: Consists of two chains fastened to door. One has letter "O" fastened to end. Pull "O" to open. Pull letter "S", fastened to end of other chain for shutting. (See illustration to left.)

PEERLESS FEATURES

Peerless Fireplace Dome Dampers are made to sell . . . made to satisfy . . . made to last

Peerless cast iron dampers are built for a lifetime of trouble-free operation and their cost is repaid many times by saving in fuel, due to proper burning.

Peerless dampers are correctly proportioned and scientifically designed.

Time and labor saved; eliminates necessity of building up brick throat.

The paneled front flange is made sufficiently strong and wide enough to support the fireplace arch without the use of angle iron or lintel.

The Peerless Dome assures correct throat shape and size.

Damper door is removable, permitting access to the flue for cleaning.

Damper door is securely held in position, open or closed, by improved, simple, rugged and foolproof poker or rotary control.

Operating mechanism is such that it may be adjusted either before or after the damper is installed.

Finished in Red Oxide. Protected in your stock and on the job.



BUILDING SPECIALTIES FOR THE HOME

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No. B CAST IRON FIREPLACE DOME DAMPERS

Specifications of No. B Cast Iron Dome Dampers—All Three Types of Controls

(IMPORTANT—Specify Type of Control Desired, when Ordering whether Rotary, Poker or Chain—all one price.)

No. (Size of Damper)	Width of Fireplace Opening Inches	Overall Dimensions at Base of Damper			Dimensions of Throat Opening at Base of Damper			Height of Dome at Front Inches	Dimensions of Door Opening		Approximate Shipping Weight Each Pounds
		Width at Front Inches	Width at Rear Inches	Depth Inches	Width at Front Inches	Width at Rear Inches	Depth Inches		length	width	
B-24	24	28 $\frac{1}{4}$	23 $\frac{3}{4}$	13 $\frac{5}{8}$	24	22	9 $\frac{7}{8}$	4 $\frac{3}{8}$	16 $\frac{1}{2}$	6	30
B-28	28	32 $\frac{3}{8}$	27 $\frac{3}{4}$	13 $\frac{5}{8}$	28	25 $\frac{3}{4}$	9 $\frac{7}{8}$	4 $\frac{3}{8}$	20 $\frac{3}{8}$	6	33
B-30	30	34 $\frac{3}{8}$	29 $\frac{7}{8}$	13 $\frac{5}{8}$	30	27 $\frac{3}{4}$	9 $\frac{7}{8}$	4 $\frac{1}{2}$	22 $\frac{1}{2}$	6	35
B-33	33	37 $\frac{1}{4}$	33	13 $\frac{5}{8}$	33	31	9 $\frac{7}{8}$	4 $\frac{3}{8}$	25 $\frac{3}{4}$	6	38
B-36	36	40 $\frac{1}{2}$	35 $\frac{7}{8}$	13 $\frac{5}{8}$	36	33 $\frac{3}{4}$	9 $\frac{7}{8}$	4 $\frac{1}{2}$	28 $\frac{1}{2}$	6	40
B-42	42	46 $\frac{1}{2}$	42	13 $\frac{5}{8}$	42	40	9 $\frac{7}{8}$	4 $\frac{1}{2}$	35 $\frac{1}{4}$	6	46
B-48	48	52 $\frac{1}{2}$	48	13 $\frac{5}{8}$	48	46	9 $\frac{7}{8}$	4 $\frac{1}{2}$	40 $\frac{7}{8}$	6	61
B-54	54	59 $\frac{1}{4}$	51 $\frac{1}{4}$	15 $\frac{1}{2}$	54	48 $\frac{1}{2}$	12 $\frac{1}{4}$	5 $\frac{3}{4}$	44 $\frac{1}{2}$	6	80
B-60	60	64 $\frac{1}{2}$	56	16 $\frac{3}{8}$	60	53 $\frac{3}{4}$	12 $\frac{1}{4}$	5 $\frac{7}{8}$	49 $\frac{3}{4}$	6	96
*B-68	68	72 $\frac{1}{2}$	70 $\frac{1}{2}$	19 $\frac{1}{4}$	68	68 $\frac{1}{4}$	14 $\frac{1}{2}$	7	62 $\frac{1}{2}$	8 $\frac{1}{2}$	161

*Chain Control Only.

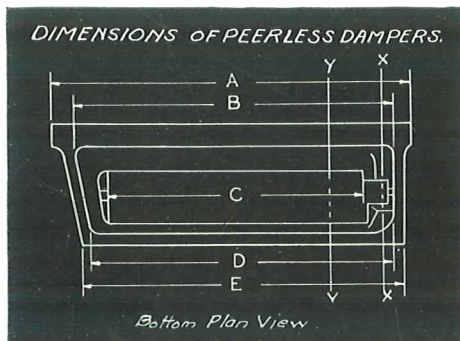
Packed in individual crates to facilitate handling, reshipping and to prevent breakage. Finish: completely coated with Red Oxide.

(See Pages 6 and 7 for "Essentials of Fireplace Construction")

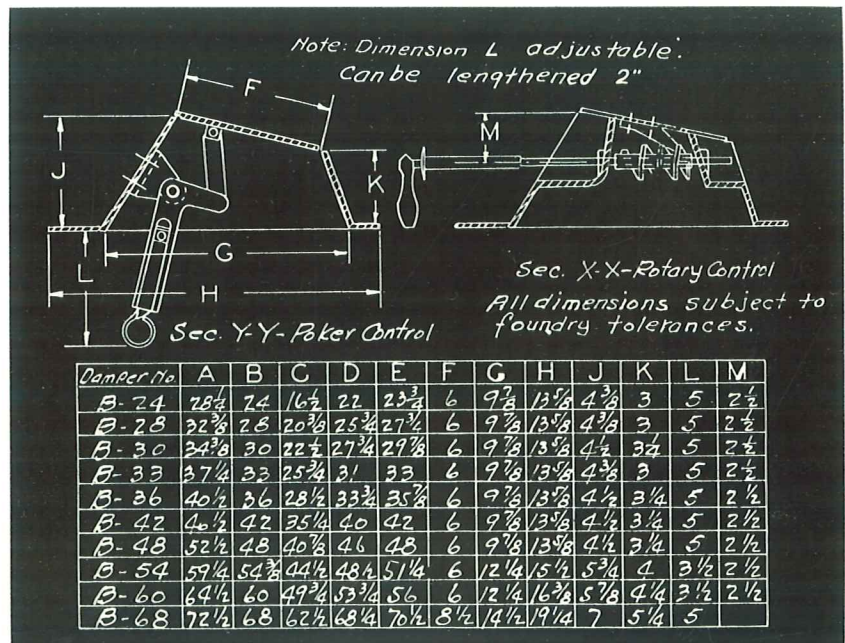
THOSE WHO CONSIDER BOTH QUALITY AND PRICE DEMAND PEERLESS DOME DAMPERS

» » « «

Dimensions of No. B Cast Iron Dome Dampers



If you have not already tried a Peerless Damper, install one on the next job. You will be extremely satisfied with the results.



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No. S ALL STEEL FIREPLACE DOME DAMPERS

Top Quality—Low Cost

Four Popular Sizes: 30"—33"—36"—42"

The latest addition to the Peerless line of Building Specialties

To provide a more complete line of Fireplace Dome Dampers—and offer an unrestricted choice of either Cast Iron or Steel—Peerless began a study of the Steel Damper and its market several years ago.

Our first samples were sent to Dealers in scattered sections of the country to get a cross section of opinion and everyone expressed their complete satisfaction. We delayed adding the All Steel Damper line until we were certain, beyond question, that our New All Steel Dome Damper would meet with universal acceptance . . . Overwhelming demand has proved this damper a great value.

This New Model S—All Steel Dome Damper can be sold by you at a substantially lower price than our Cast Iron Damper and will fill an urgent need for a top quality Damper—At the same time contribute its part in helping reduce the overall cost of residential construction.

The Peerless Model S is a Top Quality—Heavy Gauge—Rigid Damper—yet LOW in cost. For all practical purposes this heavy gauge Steel Damper compares favorably with the Cast Iron Damper.

Compare the Peerless All Steel Damper with all others—and you, too, will buy Peerless . . . There is no better All Steel Damper.

MODEL No. S—ALL STEEL FIREPLACE DAMPER



No. S—All Steel Damper

Handle adjustable to length desired by user. Illustration shows Handle with extension "opened"—may be retracted 2½" by loosening bolt.

Cut-away view showing Poker Control

Frame is die formed of heavy gauge Steel. All Electric welded into a one-piece dome unit—no spot welding.

The Door is of even heavier Steel with both front and back edges offset for added strength, straightness and good fitting qualities—not just a piece of flat sheared steel.

Poker Control: This sturdy control makes it possible to securely lock Door in any intermediate open position . . . wide open or completely closed. Loop type Handle allows the use of a Fire Set Poker for opening or closing . . . thus the Damper Door can be regulated at any time without soiling the hands.

PEERLESS FEATURES

★ Peerless all steel dampers are correctly proportioned and scientifically designed . . . Die Formed. . . . Electric Arc Welded.

★ The paneled front flange is made sufficiently strong and wide enough to support the fireplace arch without the use of angle iron or lintel.

★ Time and labor saved; eliminates necessity of building up brick throat.

★ Damper door hinged atop elevated back throat—NOT hinged on base frame of damper—thus keeps rain and soot out.

★ The Peerless Dome assures correct throat shape and size.

★ Damper door is removable, permitting access to the flue for cleaning.

★ Damper door is securely held in position, open or closed, by improved, simple, rugged and foolproof poker control.

★ There is no transportation, handling or installation breakage on Peerless all steel dampers.

★ Operating mechanism is such that it may be adjusted either before or after the damper is installed.

★ Finished in red oxide—shipped uncrated.



BUILDING SPECIALTIES FOR THE HOME

OUR
66th
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No. S ALL STEEL FIREPLACE DOME DAMPERS

SPECIFICATIONS OF NO. S ALL STEEL DAMPERS—WITH POKER CONTROL

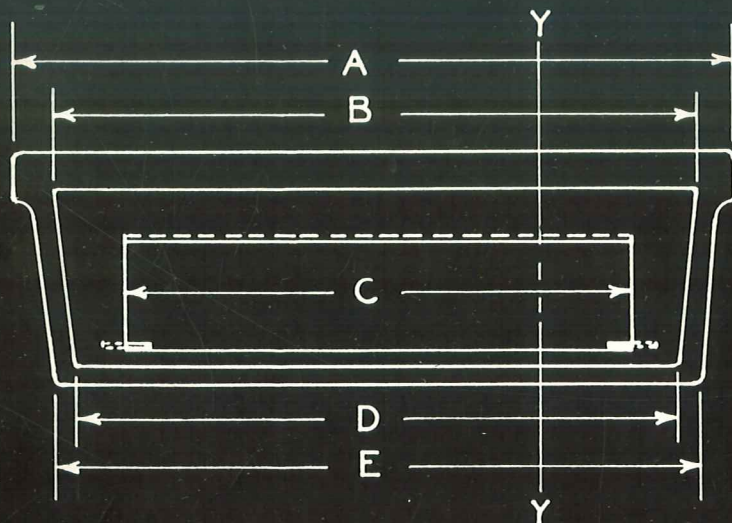
No. (Size of Damper)	Width of Fireplace Opening Inches	Overall Dimensions at Base of Damper			Dimensions of Throat Opening at Base of Damper			Height of Dome at Front Inches	Dimensions of Door Opening		Approximate Shipping Weight Each Pounds
		Width at Front Inches	Width at Rear Inches	Depth Inches	Width at Front Inches	Width at Rear Inches	Depth Inches		length	width	
S-30	30	34½	29⅞	13	30	27¾	9⅞	3⅝	22½	6	23
S-33	33	37½	33	13	33	31	9⅞	3⅝	25½	6	25
S-36	36	40½	35⅞	13	36	33¾	9⅞	3⅝	28½	6	27
S-42	42	46½	42	13	42	40	9⅞	3⅝	34½	6	30

Finished in Red Oxide—Shipped Uncrated—Control Wired to Damper.

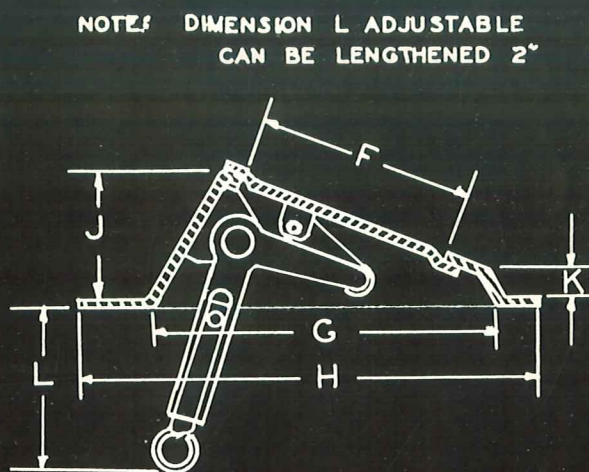
SEE PAGES 6 AND 7 FOR HELPFUL FIREPLACE CONSTRUCTION PLAN AND DETAILS.

» » « «

Dimensions No. S All Steel Damper



Bottom Plan View



Sec. Y-Y - Poker Control

Damper No.	A	B	C	D	E	F	G	H	J	K	L
S-30	34½	30	22½	27¾	30	6	9⅞	13	3⅝	¾	5
S-33	37½	33	25½	30¾	33	6	9⅞	13	3⅝	¾	5
S-36	40½	36	28½	33¾	36	6	9⅞	13	3⅝	¾	5
S-42	46½	42	34½	39¾	42	6	9⅞	13	3⅝	¾	5



BUILDING SPECIALTIES FOR THE HOME

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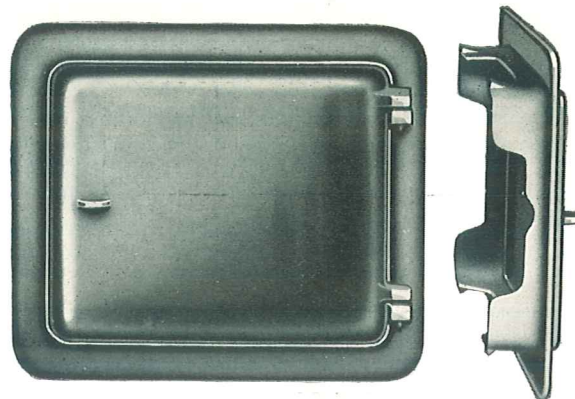
ASH PIT DOORS—ASH DUMPS

ASH PIT DOORS

Peerless Ash Pit Doors are made with frame of heavy stove plate cast iron and heavy stamped steel door.
Catch holds door tightly closed.
Have anchoring lugs on inner flange for securely fastening.
Neat in appearance—finished in red oxide.

DIMENSIONS OF NO. 3 ASH PIT DOORS

No.	Door Opening Size Inches	Approx. Ship Wt. Each Lbs.	STANDARD PACKING
3	8x 8	7	6 per bundle
3	8x10	9	6 per bundle
3	10x12	10	6 per bundle



No. 3 Ash Pit Door

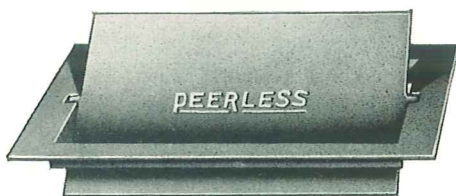
Side View

ASH DUMPS

The Ash Dump fits into the Hearth directly below the fire—and is indispensable for convenient disposal of ashes. The Doors are securely fastened to the frame to prevent dropping into the Ash Pit.

Our proved method of fastening the doors into the frames hold them rigid in a “closed” position for shipment and handling—thus preventing breakage. Before installing, open and close the doors several times—they then will operate freely.

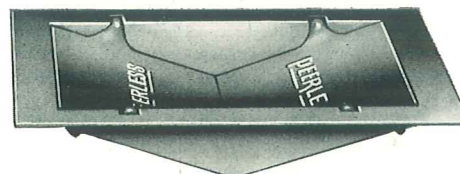
MANUAL



No. 8
Dumped by means of poker

Style No. 8 ash pit door has a single door, unit sets flush with the hearth floor. Door is center pivoted and weighted. With slight pressure of poker, door opens permitting ashes to pass thru and drop into the ash pit. When pressure is released door will automatically close.

AUTOMATIC



No. 9
Weighted Doors Dump Automatically

Style No. 9 ash pit door is equipped with two doors pivoted off center and weighted. Doors automatically open by weight of ashes.

DIMENSIONS OF ASH DUMPS

No.	STYLE	Outside Measurements Inches	Inside Measurements Inches	Approximate Shipping Weight Each Lbs.
8	Manual	7x10	5x8	3
9	Automatic	7x10	5x8	4½

When ordering—use outside measurements.

Standard packing—12 per bundle.

Made of Stove Plate Cast Iron—Finished in Red Oxide.



BUILDING SPECIALTIES FOR THE HOME

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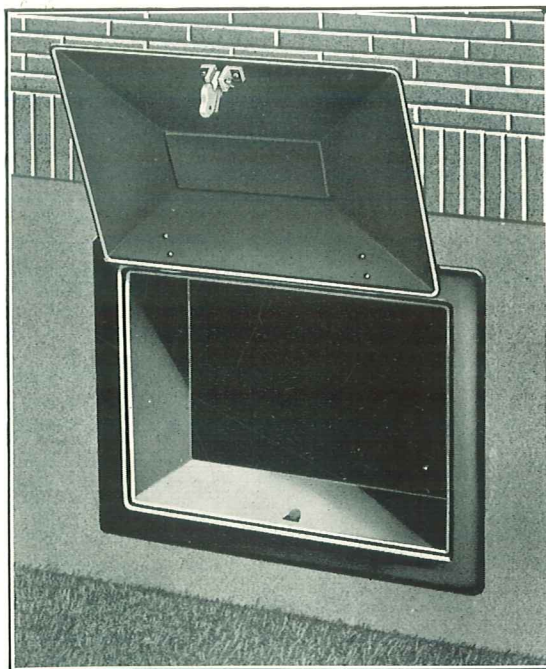
COAL WINDOWS

No. 6 COAL WINDOW WITH SAFETY SPRING LATCH

When planning the basement be sure to specify a Steel Coal Delivery Window that affords protection, lasting service and harmonious appearance.

The Peerless All Steel Coal Windows are built for a lifetime of service and give needed protection to the building when the coal is being delivered. Their neatness, sturdy steel construction, permanency and convenience enhance the value of any building. Their initial cost is repaid many times!

PROTECTION. The Peerless All Steel Coal Windows are highly durable and will withstand the most battering service with a minimum of defacement. The door when open for service, is held upright by strong slotted hinges, thereby, protecting the wall above the opening against flying fuel.



Open View No. 6 Coal Window



No. 6 Coal Window with Spring Latch

SAFETY. The Door when closed is firmly and securely locked by a rugged foolproof automatic spring latch. There is no exposed lock on which a burglar can work. This automatic lock can be released only from the inside. Cannot be opened from the outside as is true with many others.

CONVENIENCE. A Chain or wire may be affixed to this latch by the user, if desired, and carried to the entrance of the coal bin, thus, enabling quick release of the lock without climbing over the coal. When the coal man has completed his delivery of coal the door is closed from the outside and automatically locked.

DIMENSIONS

No. 6	Width, Inches	Height, Inches	Depth, Inches	Approx. Ship. Wt. Each Lbs.
Rough wall opening	23	17	For walls	32
Door opening	21 $\frac{5}{8}$	15 $\frac{3}{8}$	9 in. deep	
Outside of frame	26 $\frac{1}{2}$	20 $\frac{1}{4}$	or more	

Finish: Red Oxide—Shipped uncrated.

Construction

- ★ The frame and door are made of heavy gauge steel. The hinges are of heavy gauge steel and equipped with brass hinge pins, insuring easy operation always thru-out the years.
- ★ The body is steel and rigid in construction.
- ★ The door is scientifically designed thus giving the greatest degree of rigidity. The door is fitted with a heavy foolproof lasting spring latch.
- ★ The hinges are slotted so that when the door is in a raised position it remains there and cannot drop.
- ★ Special lugs on sides of body securely fasten window in foundation.



BUILDING SPECIALTIES FOR THE HOME

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FIREPLACE FIXTURES

For full enjoyment of the Fireplace it must be properly equipped. Peerless top quality distinctive Fireplace Fixtures produced by experienced craftsmen will lend cheer and charm to the hearthside. For over 66 years the more discriminating have chosen Peerless. Write for catalog and prices or descriptive folder.



☆ Distinctive Fireplace Fixtures by Peerless will provide the atmosphere and charm every homemaker desires . . . and are priced to suit the most exacting merchandiser seeking fast selling Fixtures.

☆ Quality is the keynote of all Peerless Fixtures. They are truly a select group into which has been combined all the beauty and quality which inspired craftsmanship can conceive.

☆ Peerless designs and styling are always good . . .not just for today . . . but always.



BUILDING SPECIALTIES FOR THE HOME

OUR
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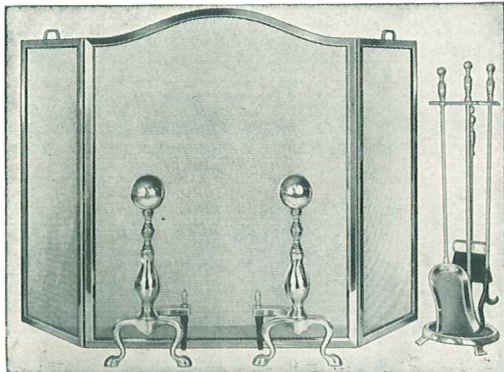
FIREPLACE FIXTURES

Wide-awake Building Material Dealers are adding Peerless Fireplace Fixtures to their display . . . resulting in increased volume . . . and added profits. Write for your catalog and prices today.

It is reassuring to know that Peerless standards of high quality, fine craftsmanship and rigid inspection of every item make possible the easy selection by the homemaker as it is just a matter of choosing a style and price to suit her budget, as all items are of the same uniform high quality.

Peerless manufactures the widest assortment of distinctive Fireplace Fixtures made by any one firm . . . over eighty different combinations in Ensembles to choose from . . . all perfectly matched sets. Available in Polished Brass . . . Black & Brass . . . Black & Copper . . . Antique Brass . . . and Velvet Black.

EVERYTHING FOR THE HEARTH



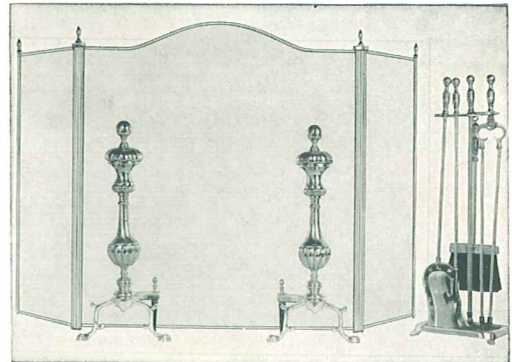
No. 149C—ENSEMBLE



CURTAIN SCREENS

FLAT SCREENS

FOLDING SCREENS

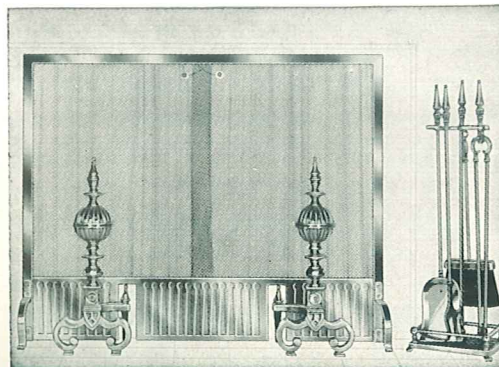


No. 188L—ENSEMBLE

★ ANDIRONS

FIRESETS

FENDERS

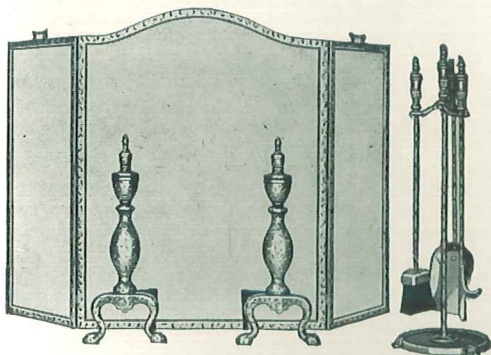


No. 157PR—ENSEMBLE

GRATE BASKETS

LOG CRADLES

★ COAL HODS

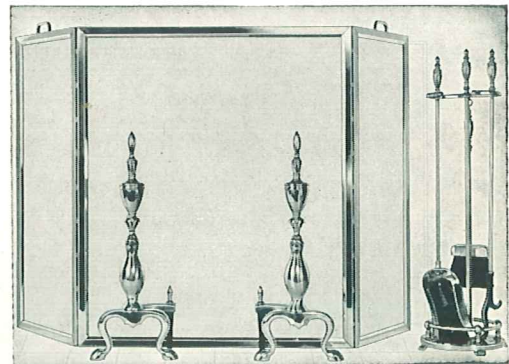


No. 144CA—ENSEMBLE

★ WOOD HOLDERS

FIRE LIGHTERS

FOOT SCRAPERS



No. 143R—ENSEMBLE

Illustrated above are only a few Ensembles from the vast line of fine Fixtures produced by Peerless. Graceful lines plus the wonders of excellence in finish are combined at moderate cost. A style and design to suit every purse.

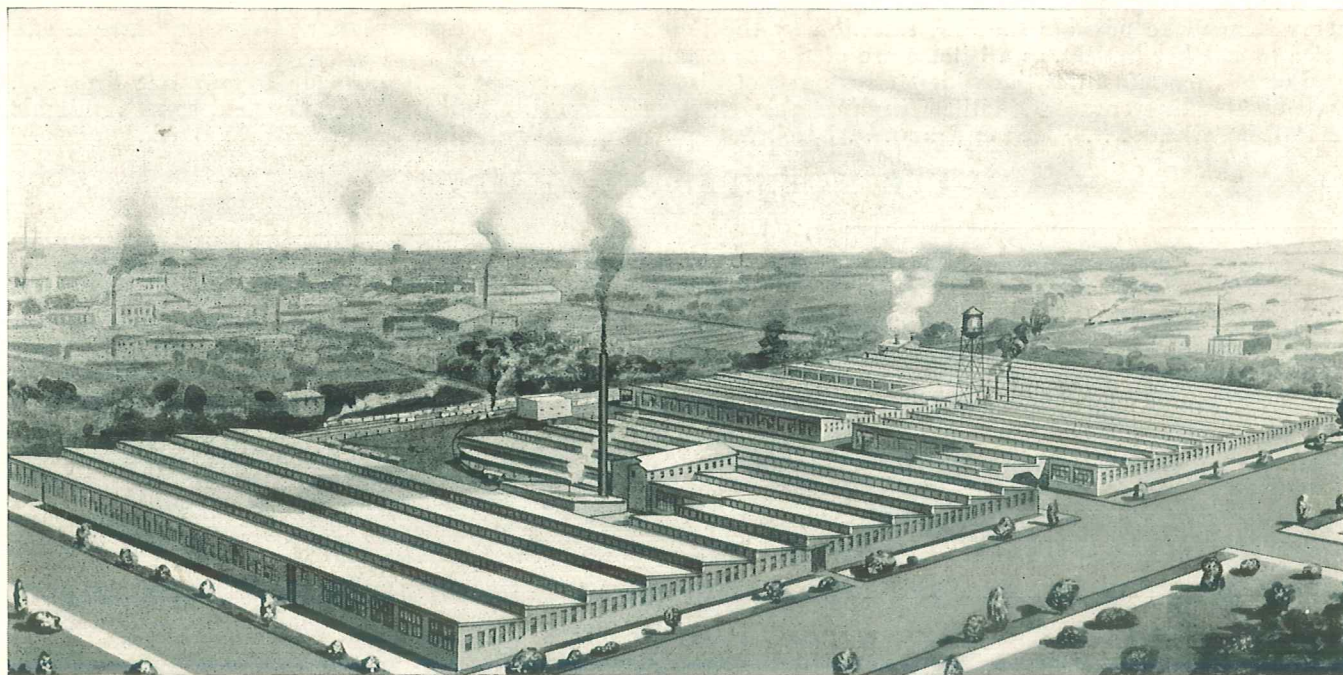
If you display other products for the home . . . you'll want to add Peerless Fireplace Fixtures. Write today for details . . . prices . . . and catalog showing list prices.



BUILDING SPECIALTIES FOR THE HOME



ALL PEERLESS PRODUCTS ARE MANUFACTURED BY PEERLESS FROM
RAW MATERIALS IN THIS COMPACT WELL EQUIPPED PLANT LOCATED
AT 14th AND ORMSBY STREETS IN LOUISVILLE, KENTUCKY



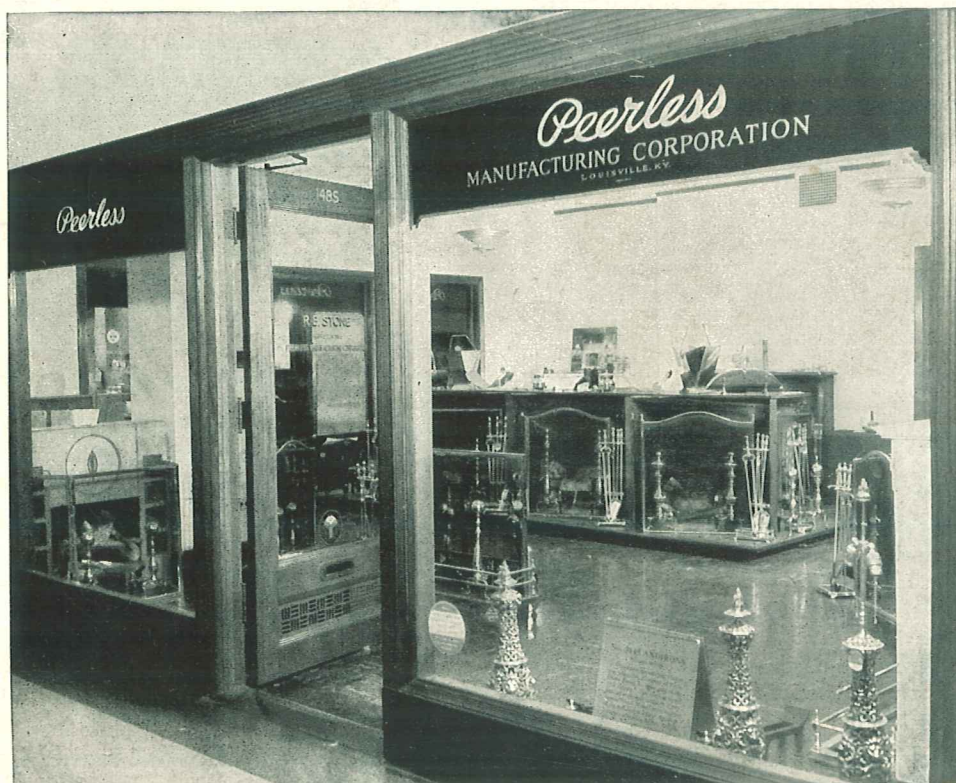
. . . And for your Convenience Peerless Maintains

*A Year Round
Display in . . .
Suite 1485—→
The Merchandise
Mart, Chicago*



You are cordially in-
vited to visit our display
or plant at any time and
inspect our line of

BUILDING SPECIALTIES
FIREPLACE FIXTURES
GAS RADIANT HEATERS
GRAVITY GAS CIRCULATORS
FORCED-AIR
GAS CIRCULATORS
GAS UNIT HEATERS
GAS PANEL HEATERS



PEERLESS MANUFACTURING CORP., LOUISVILLE 10, KY.

*Our 66th Year . . . Producing Heating Products
Made to Sell . . . Made to Satisfy . . . Made to Last*